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FNCA Study Panel

Stakeholder Involvement

Mitsuru Uesaka
Chairman
Japan Atomic Energy Commission



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Picture for Nuclear

- A lot of people continuously have negative images for nuclear: “**Dangerous**”, “**Worrying**”, etc.
- **1/4** Tokyo residents hesitate to recommend food made in Fukushima and travel to Fukushima for fear of radiation.

Descriptions linked to “Nuclear” (multiple answers)

(%)

	2010.9	2011.11	2020.10
dangerous	63.4	68.3	61.0
worrying	45.0	55.9	50.2
difficult to describe	29.0	37.3	31.4
unnecessary	1.6	7.8	7.9

(Reference) Opinion Poll (2020FY) (Japan Atomic Energy Relations organization)

Questionnaire results for Tokyo residents

Are you comfortable enough to encourage your family/friends to buy food made in Fukushima Prefecture?	Do you recommend your family/friends for travelling Fukushima Prefecture?
<ul style="list-style-type: none"> • No - for family members 24.2% for friends and acquaintances 23.5% reason: radiation • Yes - for family members 63.4% for friends and acquaintances 64.0% 	<ul style="list-style-type: none"> • No - for family members 25.6% for friends and acquaintances 24.0% reason : radiation • Yes - for family members 61.0% for family members 62.7%

(Reference) Mitsubishi Research Institute “Questionnaire to understand the awareness and understanding of Tokyo residents regarding the reconstruction situation of Fukushima Prefecture and the health effects of radiation”

Required Structure for Deeper Understanding

Evidence-based
information system
&
Excellent searching
system

Communication
activities:
two-way dialogues,
Utilization of public
relations and media

Deepening Understanding:
Strengthening Information System
based on Objective Facts (outlook)
(December, 2016)

Engagement with Stakeholder Involvement
(March, 2018)

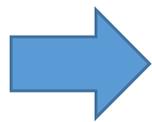
JAEC's Statement (2016)

What were the Problems?

- Difficult to search – information was not comprehensive
- Not many documents are largely reader-friendly
- Available information produced by international organizations were limited due to language barrier

Our Goal

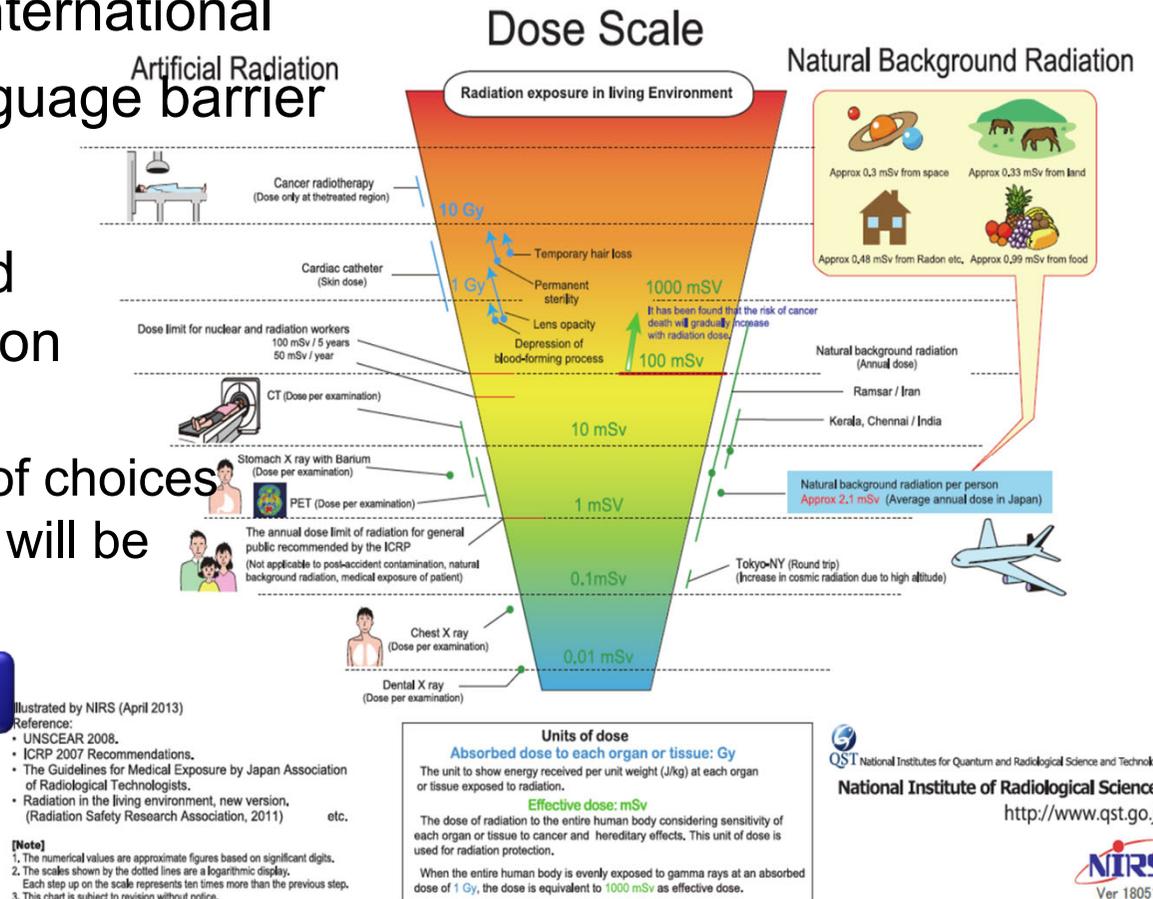
- Nuclear-related organizations should develop information systems based on objective evidence and facts.



Japanese can enjoy wide range of choices based on their own interests and will be satisfied with the results.

Prioritised Information Target

1. Benefits of Nuclear Energy (S+ 3 E)
2. Nuclear Safety and Emergency Preparedness
3. Radioactive Waste Management
4. Impact on Radiation Exposure on Human Health



Strengthening Communication Activities

The Atomic Energy Commission believes that it is important to involve stakeholders in the nuclear field and have summarised the basic concept in 2018.

How seriously are stakeholders involved in the activities ?

scarcely

very much

A: Development of Informational Environment

Goal:

To establish an environment where the fact-based information can be provided

- Understanding stakeholders' interests and expectation through surveys
- Consideration for human psychology – excessive safety assurance leads to uneasiness

B: Two-way Dialogue

Goal:

To build up mutual understanding

- Face-to-Face Dialogue
- Encouraging individual/community-based participation

C: Involving Stakeholder

Goal:

To engage with the process of business and policies related to community and stakeholders

- Early stakeholders participation
- Involvement of younger generations and women

Trust Building

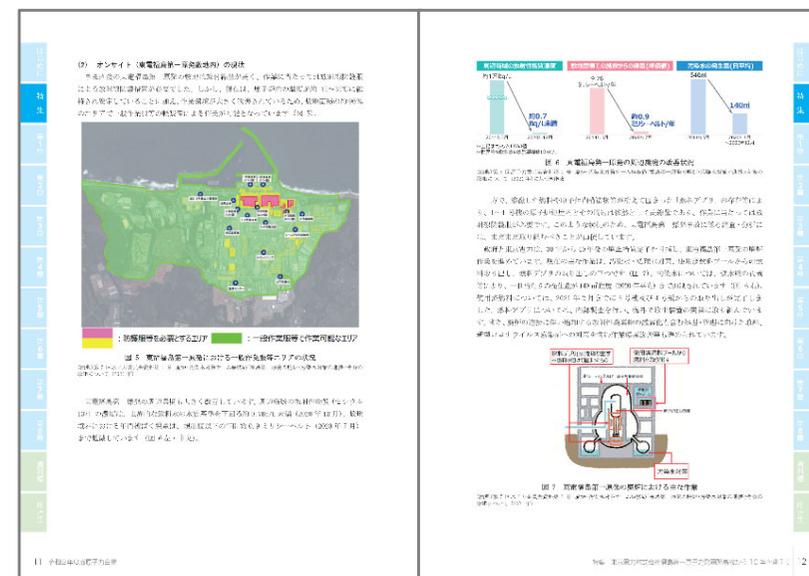
For better usage of White Paper on Nuclear Energy 2020

Focusing on issuance of eye-friendly and easy-to-understand White Paper on Nuclear Energy 2020

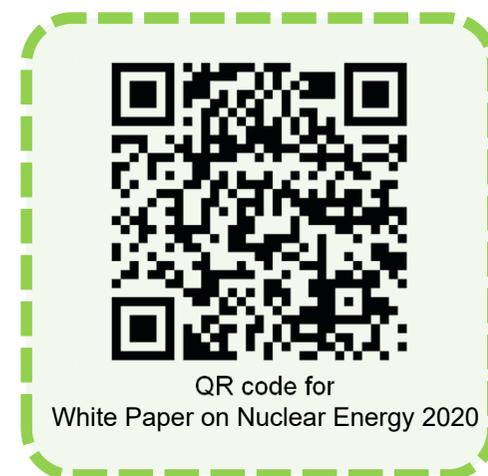
- ✓ Better arrangement - one-page spread with simple delimiters
- ✓ At least one chart on one-page spread
- ✓ Intriguing columns with specific topics for deeper understanding on nuclear energy

Dissemination of White Paper on Nuclear Energy 2020

- ✓ Delivering the information to the international communities :
Preparing the White Paper 2020 in English with special features and abstracts to be distributed to overseas organizations
- ✓ Introducing White Paper 2020 to students :
Currently arranging special lectures and seminars to introduce the White Paper 2020 at universities, graduate schools, colleges of technology, etc



White Paper on Nuclear Energy 2020 P.11~12



Efforts to enhance information sharing and communication

➤ Information provision initiatives (general approaches) by public organizations

- ✓ Hosting symposiums on energy policies
- ✓ Organizing nationwide interactive seminars
- ✓ Distributing timely articles on websites
- ✓ Operating hands-on information centers
- ✓ Others

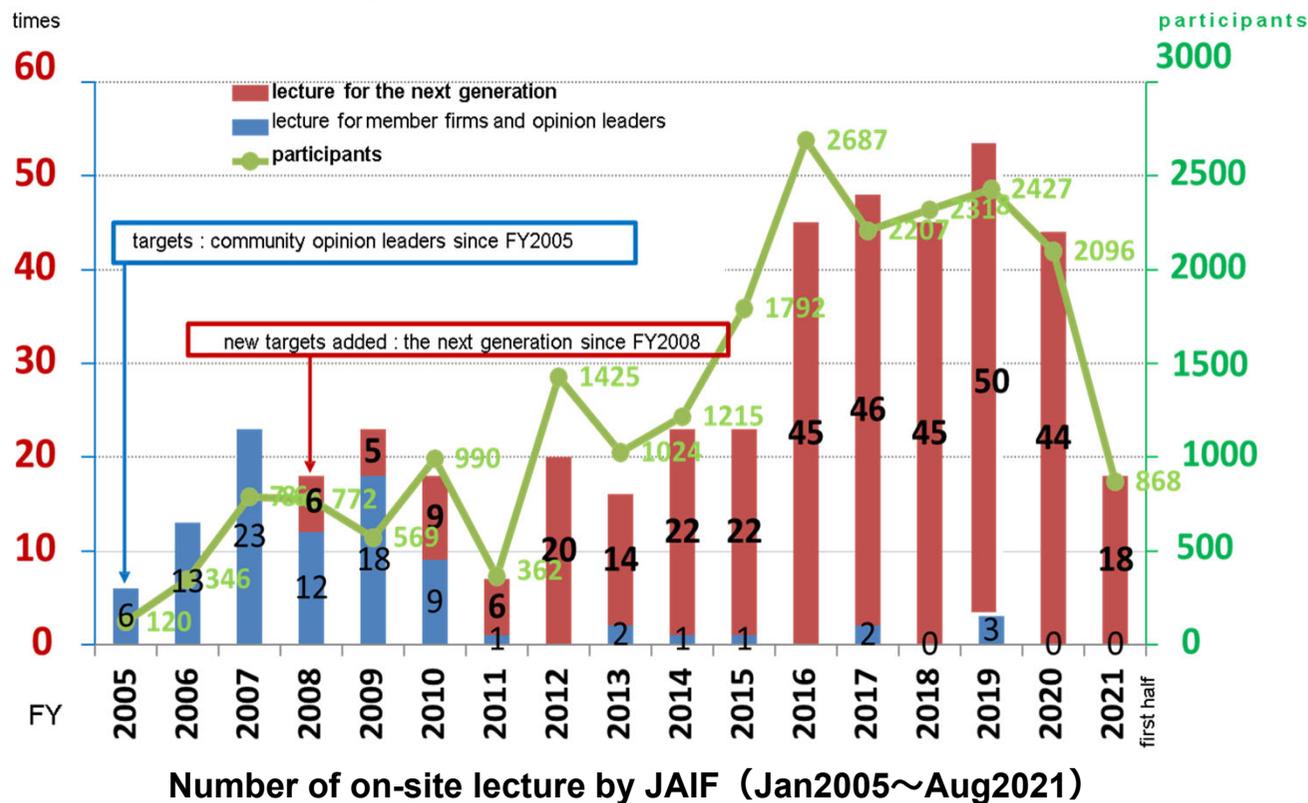


Two-way communication activities by the Japan Atomic Industrial Forum (JAIF)

Implemented various efforts to promote understanding of the next generation and women
 - their spillover effect and attitude changes are regarded to be considerably influential -

For two-way communication, we are engaging in:

- The activities for the next generation, including college and technical college students by providing on-site lectures
- The presentation activities using board games – fun element and enhancing understanding of nuclear power are compatible
- The activities for women’s better understanding on nuclear power by holding symposiums and tours of facilities, including power plants
- The activities through cooperation in broader area e.g. co-operation with relevant local organizations



Learning nuclear power generation with fun
 「Nuclear Power Generation The Board Game」

Cooperation with the local communities at nuclear plants

➤ Efforts by electric power companies

(Example: Actions of Chubu Electric Power Company)

Dialogue by individual visits to
all households



Opinion exchange
meeting



Explanation of safety
measures by caravan



Nuclear power plant
site tour



ENE-LEARNING (FEPC: The Federation of Electric Power Companies of Japan)

FEPC supports energy and environmental education at schools so that students who will lead the future can deepen their understanding of energy issues and acquire knowledge that encourage them to think and act at their own initiative

eg. 'Energy Traveler' (educational material) - today's state and issues of energy -

- Including introductory and summary videos, student textbooks, and teacher guides
- Target : junior high school students

(Introduction contents)

- Distribution of world resources and ever-increasing global energy consumption
- Energy self-sufficiency rate of major countries
- Power generation cost
- Ever-increasing global CO2 emissions
- Characteristics of power generating alternatives
- Future energy mix • S + 3E

(source) FEPC (The Federation of Electric Power Companies of Japan) Website



Summary

- Many Japanese still have a negative image of Nuclear
- Required Structure for Deeper Understanding
 - Evidence-based Information System and Excellent Searching System
 - Communication Activities
- Stakeholders' Activities in Japan
 - Public Sector
 - Private Sector
 - For Young Generation